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**Objective:**

Seeking a software developer position with opportunities for advancement.

**Summary of Qualifications**

Talented software developer with over ten years experience.

Seven years of supervisory experience.

Lead developer of over a dozen successful software projects.

Leader of voice and data networking teams for two years.

Extensive knowledge of development tools and programming languages.

Extremely fast learner with ability to adapt to new challenges.

**Work Experience**

**Sr. Software Developer**, Cyber Operations, Inc., Pelham, AL 2007-Present

Project Manager for ACL Compliance Director and

- Led development of new product, ACL Compliance Director, for managing network security policies of routers, switches and firewalls.
- Developed C++ authentication library compatible with TACACS+, Radius, and LDAP.
- Developed core C++ and Javascript code for AJAX enabled web applications.
- Performed Linux server administration for web, mail, domain, authentication, and file storage services.
- Configured and maintained network devices including Cisco routers, Cisco ASA firewalls, Juniper routers, and Netscreen firewalls.
- Managed support for customers of all network policy related products including the Defense Information Systems Agency (DISA) and the National Aeronautics and Space Administration (NASA).
- Assisted with marketing including presentations, online advertising, direct mailings, and authoring original technical articles.

**Team Leader**, US Army, Fort Lewis, WA and Iraq 2005-2007

Leader of team which installed and maintained voice and data networks for other organizations. Worked directly with customers to provide quality of service, and trained and mentored subordinates.

- Led team to connect subscribers to new permanent fiber optics network in Mosul, Iraq.
- Performed quality of service checks while supporting 317<sup>th</sup> Maintenance and 126<sup>th</sup> Aviation which resulted in a 98% call completion rate.
- Chosen as NCO(Supervisor) of the Month.

**Team Member**, US Army, Fort Lewis, WA and Iraq 2003-2005

Member of line-of-sight radio terminal team which operated in conjunction with a switching team to provide voice and data connectivity to subscribers.

- Provided communications for medical evacuation unit with no missed evacuation requests in Balad, Iraq.
- Supported over 70 network users for 84<sup>th</sup> Engineers in Balad, Iraq
- Helped install 4000 meter fiber optic ring in Al-Qayyirah, Iraq serving over 400 subscribers.
- Chosen as battalion Soldier(Employee) of the Quarter twice.

**Consultant**, KwikPop, Lighthouse Point, FL, 2003-2007

Converted proprietary futures trading system for MetaStock platform to run under several other platforms, including eSignal, TradeStation, NinjaTrader, AmiBroker, and Sierra Chart.

- Developed subscriber database and online license verification system enabling client to use a subscription pricing model.
- Developed core dynamic loaded library which contained all the logic for each version of product allowing rapid development of versions for five charting software platforms.

**Sr. Quantitative Analyst**, Alpha Trading, Juno Beach, FL 2002-2003

Implemented automated futures trading strategies while working alongside quantitative technical analyst.

- Developed custom software for realtime execution and historical backtesting of futures trading systems to overcome inadequacies in commercially available software.
- Worked on the development of quantitative trading systems for the S&P 500 futures contract and the 30-year U.S. bond futures contract.

**Founder**, MadLogic, Jupiter, FL 2002-Present

Developed multiple software utility applications for Windows.

- Developed MadCalc, a graphing calculator application for Windows that supports rectangular, parametric, and polar plotting, saving the produced graphs as bitmaps, and allows for complete control over scale and color of graphs.
- Developed CSVExport, a utility to allow TradeStation to export trading symbol data for analysis in other programs.
- Developed PerlSafe, a product to create binary executables from Perl scripts.
- Designed and created company website.

**Software Developer**, Intelliquant, LLC, West Palm Beach, FL 2002

Designed and developed automated stock options arbitrage system.

- Optimized performance of system so that it could scan over 30,000 options on five American exchanges in real-time.

**Software Engineer**, Cyber Operations, LLC, Jupiter, FL 2000-2002

Led development efforts which successfully turned around two troubled ongoing software products.

- Developed Xstream Management System for parallel lossless data compression
- Helped optimize XMS, more than doubling the overall system speed.
- Reduced memory overhead of the most intensive XMS compression algorithm by half without any loss in compression.
- Led development of ANT, a denial of service protection system

**Founder**, BoxTop Software, Starkville, MS 1995-Present

Led development of Macintosh platform products and coordinated cross-platform development of Windows products. Lead developer of GIFmation, PhotoGIF, and ProjPEG.

- Developed product named a 1996 MacUser Eddy Award Finalist in the Best New Production Tool class
- Set in place coding standards and guidelines for other developers.
- Currently develop, market, and maintain four Photoshop plugins and two standalone applications for optimizing web graphics.

### **Education and Training**

**National Merit Finalist**

**Continuing Education, 64 credits, Excelsior College**

**Professional Leadership Development Course, US Army 2005**

### **Accomplishments and Affiliations**

System and method for encoding and decoding data files, US Patent # 7,246,177

Currently serving as Sergeant in US Army Reserve, 324<sup>th</sup> ITSB

Decorated veteran of Operation Iraqi Freedom